

FIG. 1A

FIG. 1B
DOCKET 509-L

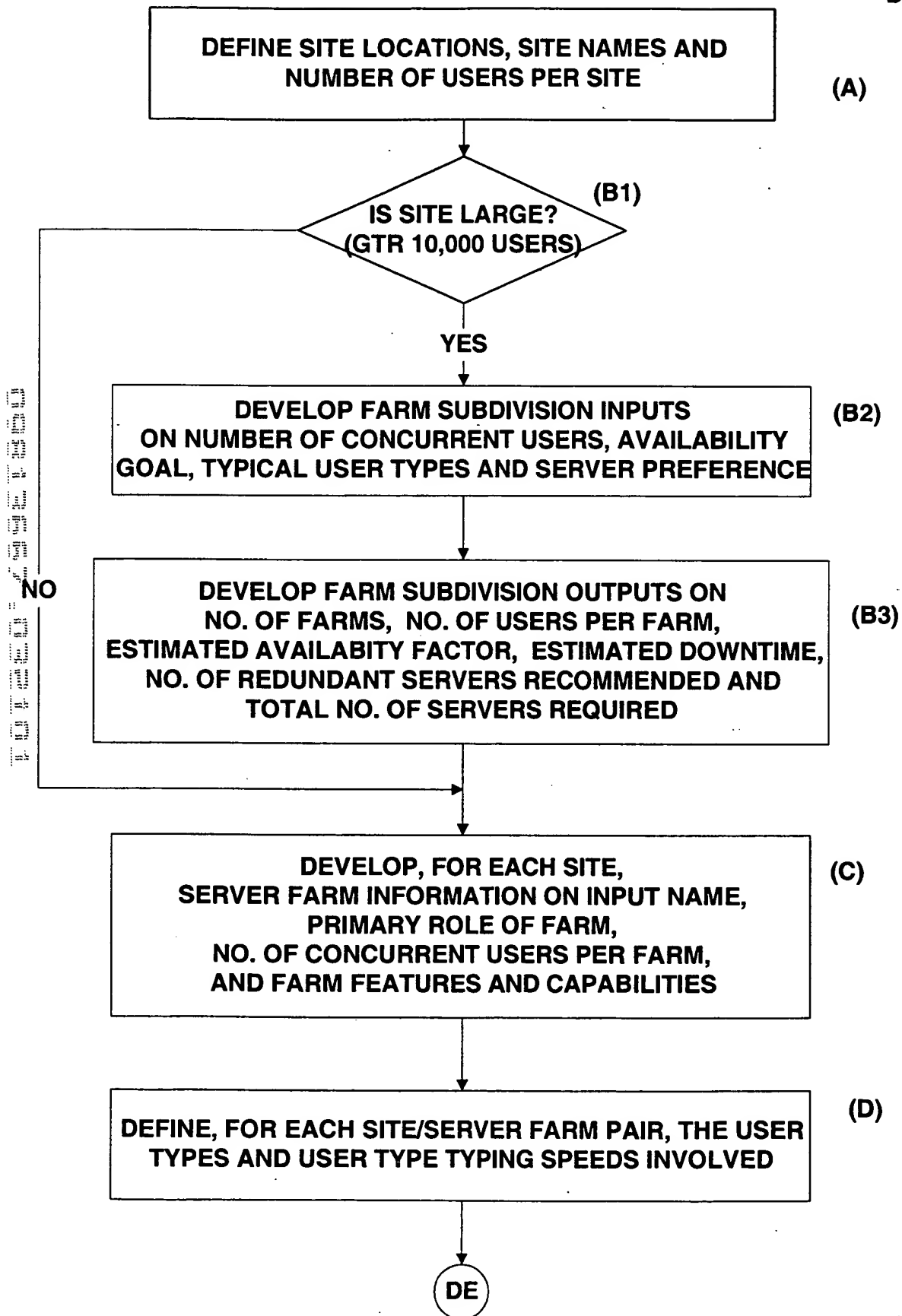
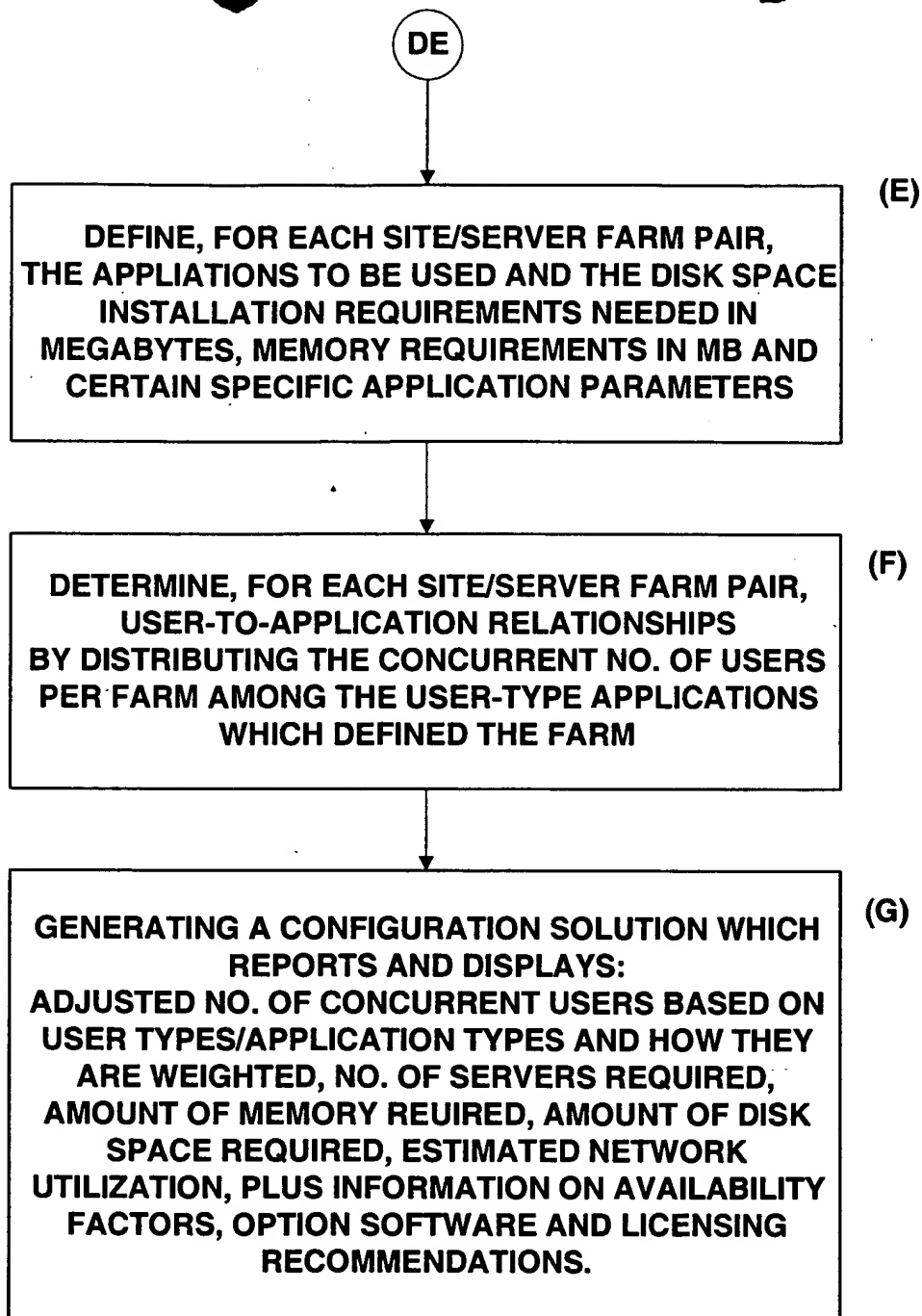


FIG. 1C
DOCKET 509-L



SERVER METAFARM 8

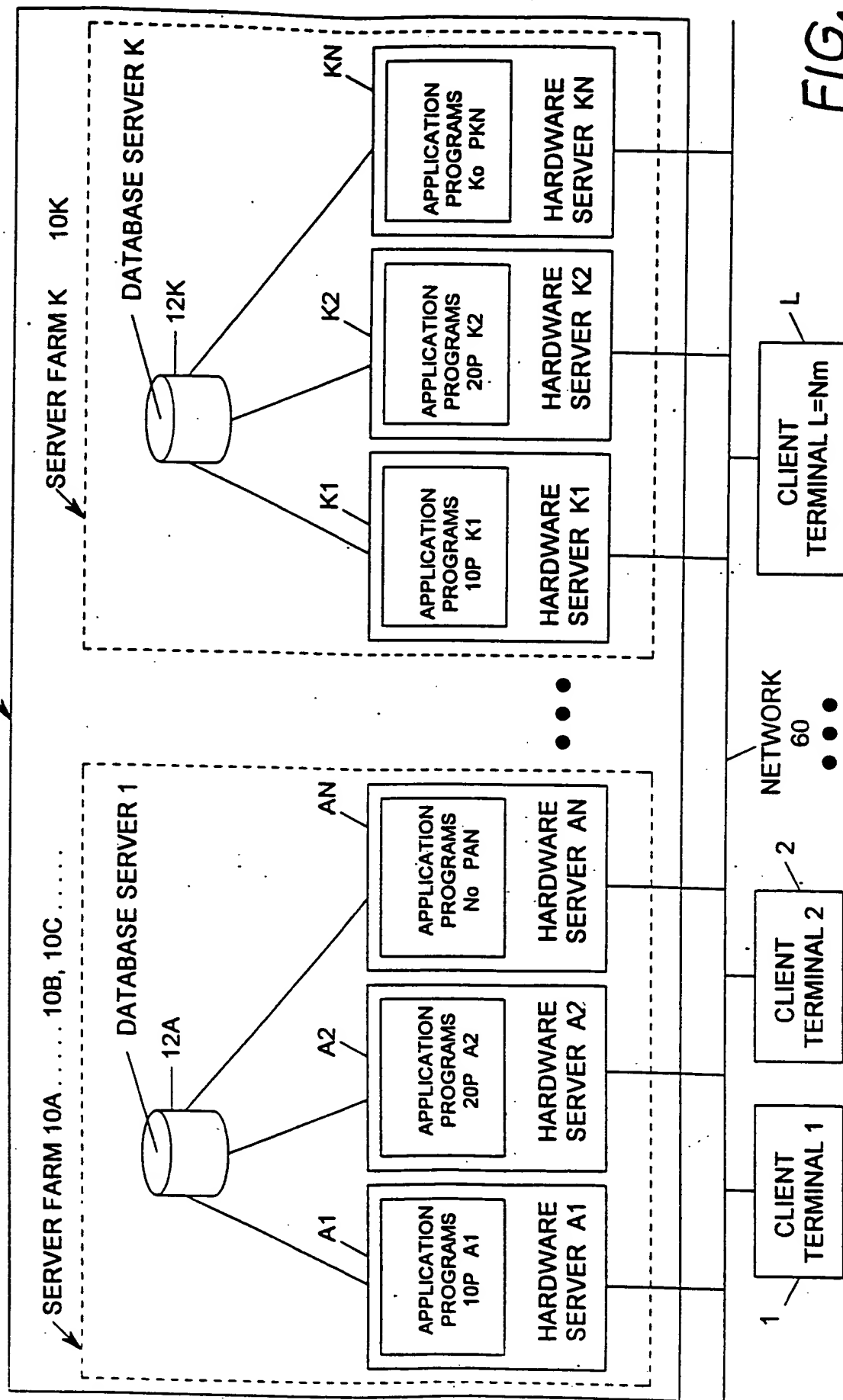


FIG. 2

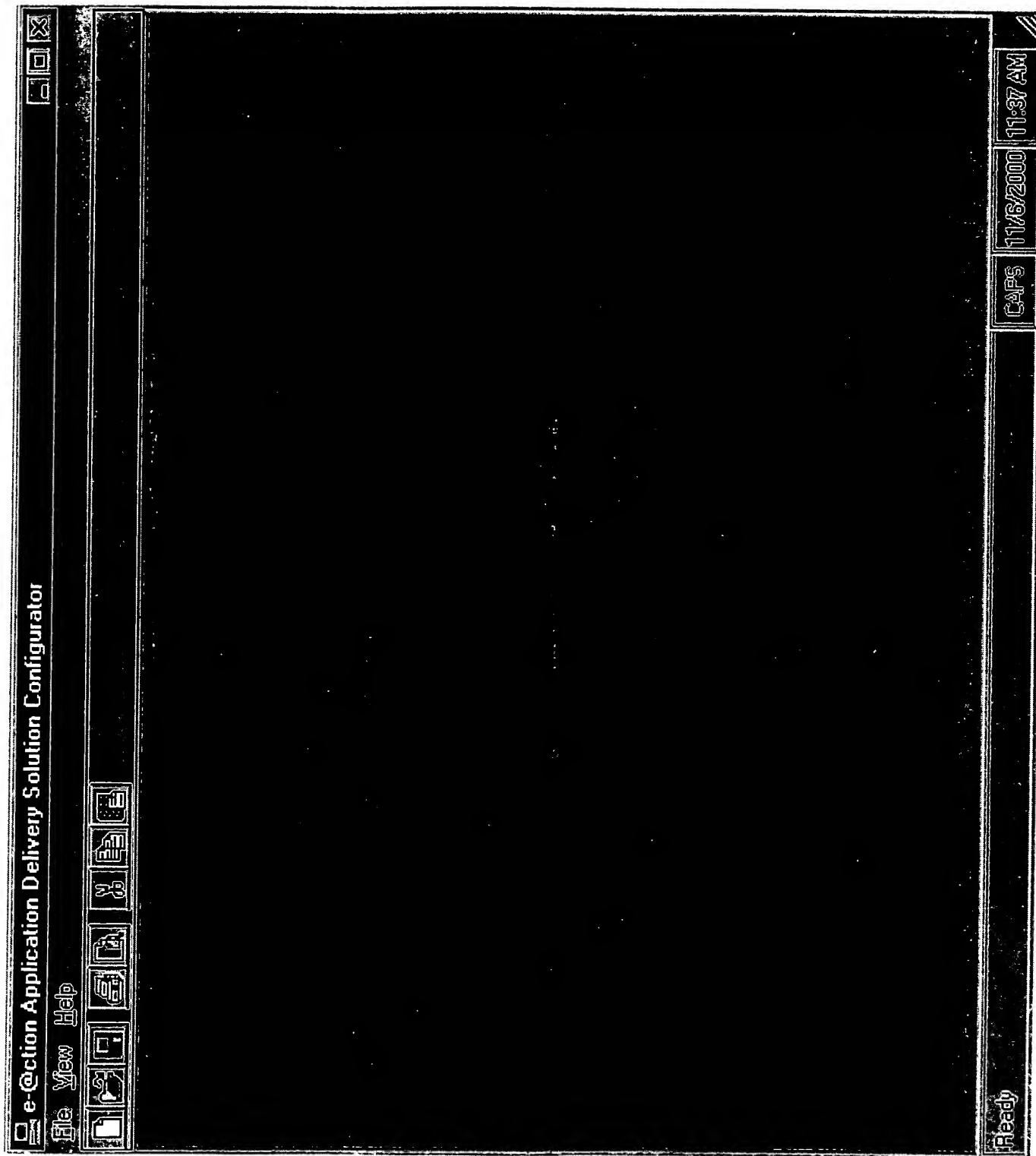


FIGURE 3

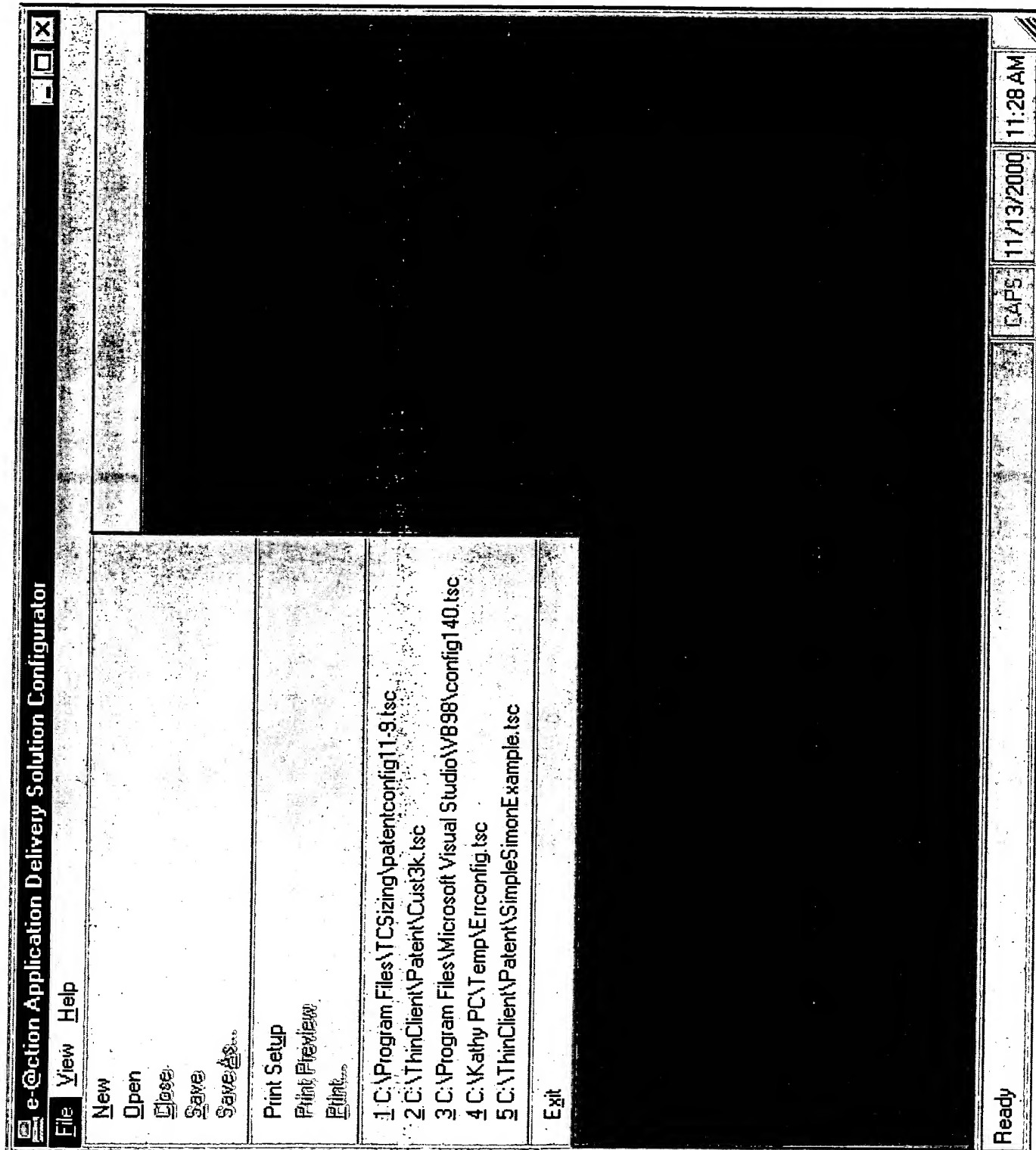


FIGURE 3A

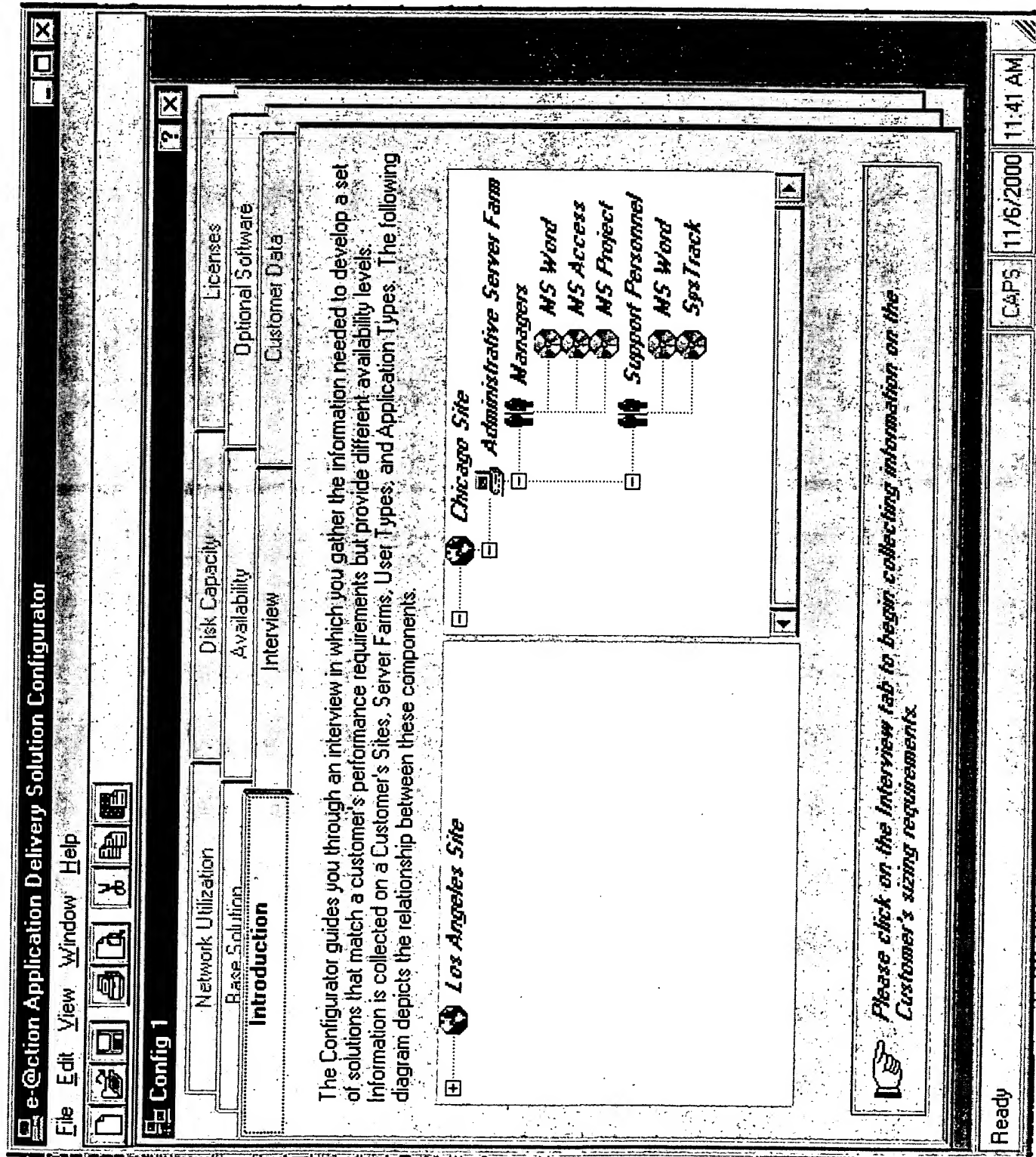


FIGURE 4

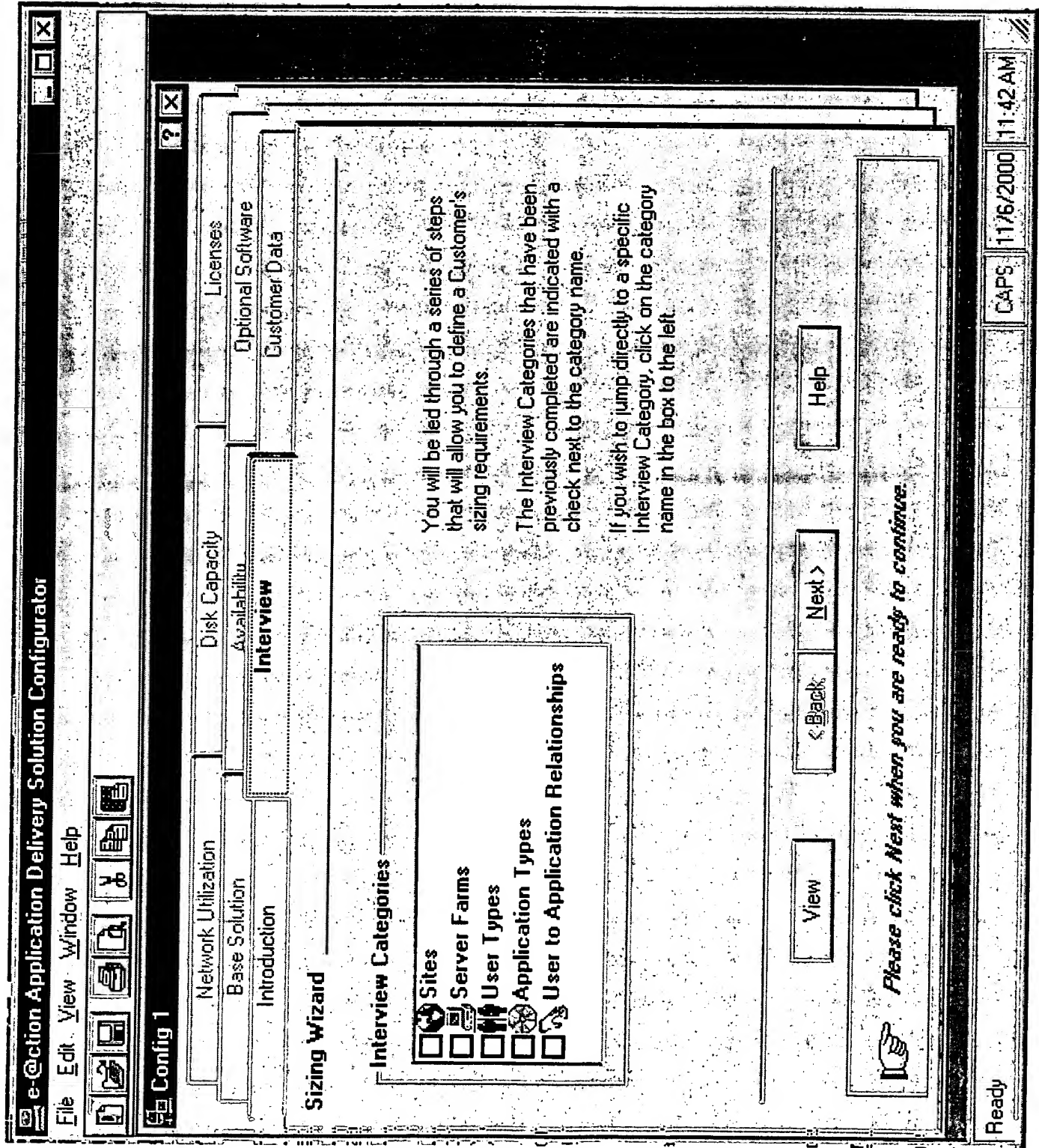


FIGURE 5

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

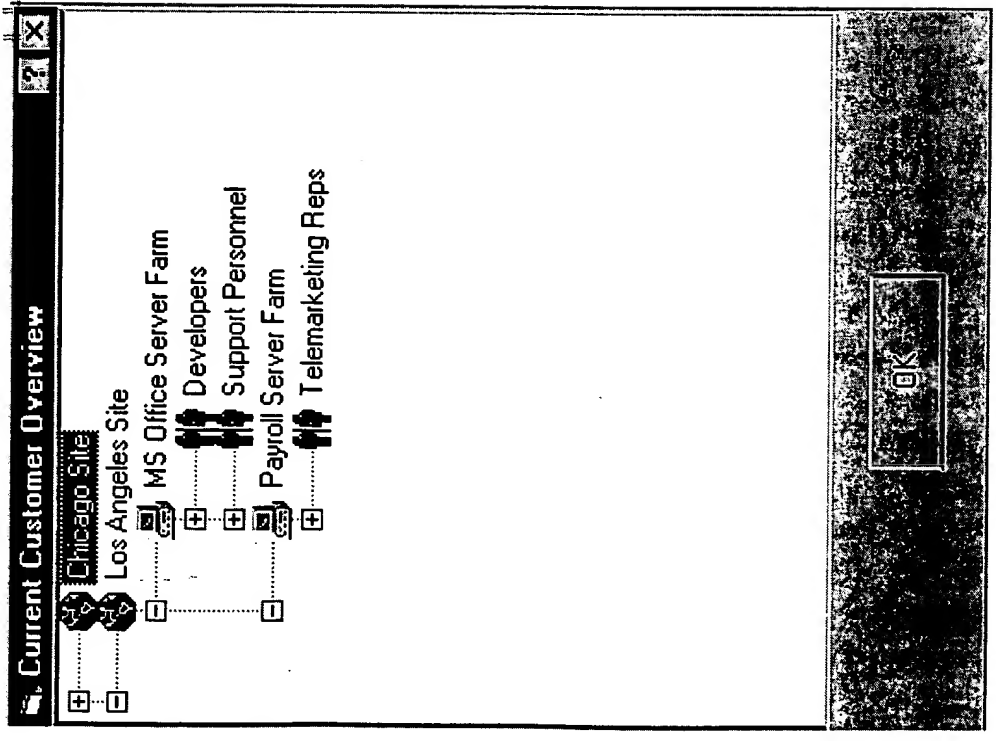


FIGURE 6

e@ction Application Delivery Solution Configurator

File Edit View Window Help

Config 1

Network Utilization
Base Solution
Introduction

Disk Capacity
Availability
Interview

Licenses
Optional Software
Customer Data


Sites

A Site is the physical location where the Windows Terminal Server(s) will be located, such as Los Angeles or Chicago.

Please fill in the following information for each of the Customer's Sites:

	Site Name	Location	No of Users
1	Chicago	5550 Main Street	500
2	Los Angeles	123 South Bookstone Street	1000
3			
4			
5			
6			

View < Back Next > Help

 Please click Next when you have finished entering the information on the Customer's Sites.

Ready CAPS 11/6/2000 11:44 AM

FIGURE 7

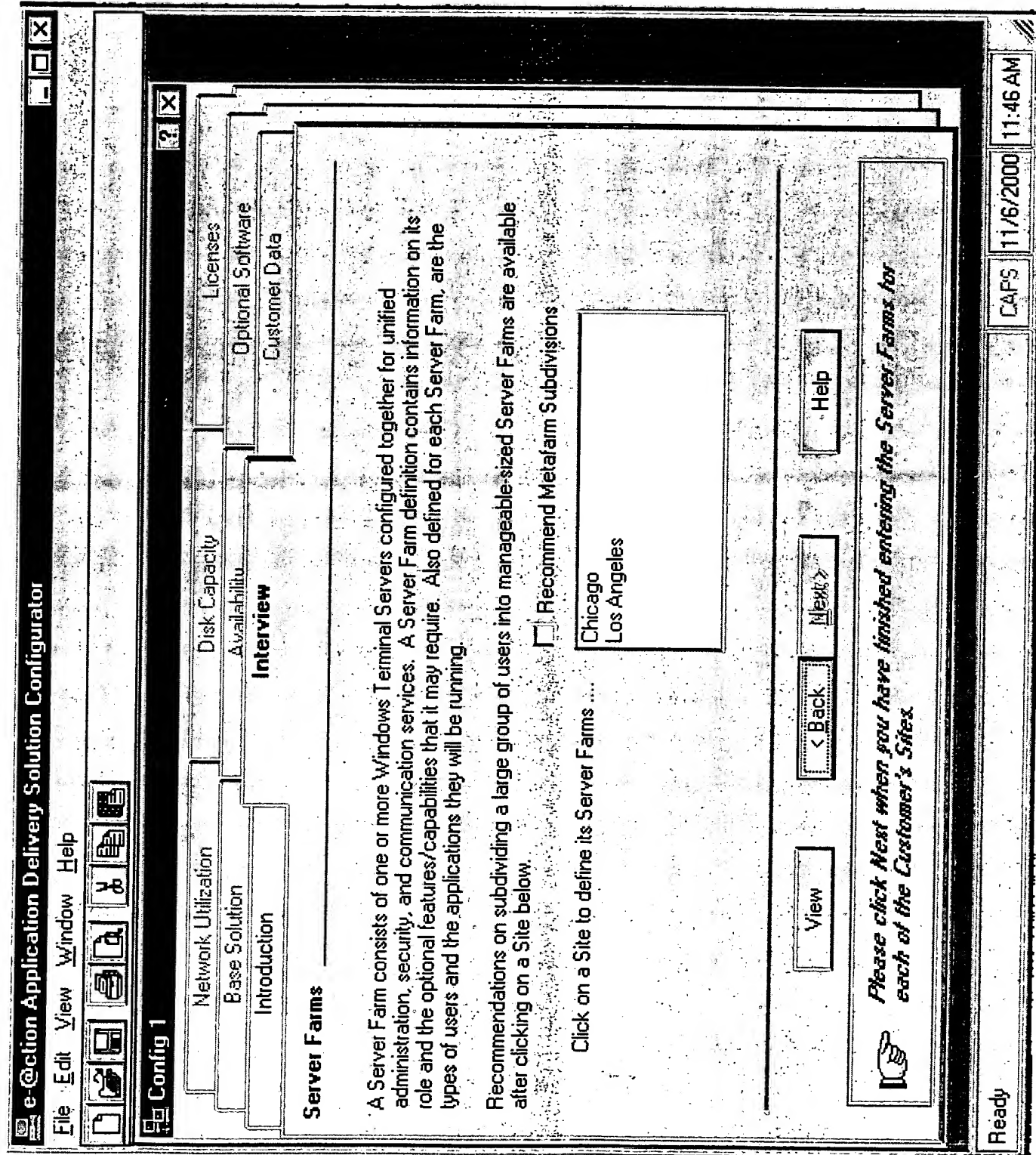


FIGURE 8

File

Edit

View

Window

Help

MetaFarm Sizing for Site Los Angeles

?

X

This page will help subdivide large Sites or Farms into smaller, manageable sized Farms. These recommendations should be used in the Interview process to further define a Customer's configuration sizing requirements.

Input Parameters

Total Concurrent Users

1000

Availability Goal

99.99

Server Preference

ES7000-4x (700 MHz, W2K)

Typical User

☐ Super Heavy (worst case)
 ☒ Heavy
 ☐ Medium
 ☐ Light (best case)

Farm SubDivision Recommendations

Number of Farms	1
Users per Farm	1000
Estimated Availability	99.99179
Estimated Downtime (hrs/yr)	0.72
Redundant Partitions (25%)	2
Total Partitions	10

Click OK to return to the Interview Process with the selected Farm Subdivision Recommendation merged into the Interview Session. The column initially selected represents the configurator's highest recommendation.

Re-Calculate

OK

Cancel

Print

Ready

CAP'S

11/6/2000

11:52 AM

FIGURE 9

e-@ction Application Delivery Solution Configurator

File Edit View Window Help

Server Farms for Los Angeles

Features/Capabilities

Description

Description of the Server Farm

Enter or Select Server Farm Name: Meta-SubFarm001

Rename Server Farm

Delete Server Farm

Primary Role of the Server Farm: Other

Concurrent Number of Users: 1000

(i.e. - number of users actively processing simultaneously on the Server Farm)

OK Cancel Apply Help

Ready

CAPS 11/6/2000 11:55 AM

FIGURE 10A

e@ction Application Delivery Solution Configurator
File Edit View Window Help

Server Farms for Los Angeles

Description **Features/Capabilities**

Description of the Server Farm

Enter or Select Server Farm Name: MS Office **NEW**

Primary Role of the Server Farm: Application Server

Concurrent Number of Users: 800
(i.e. number of users actively processing simultaneously on the Server Farm)

OK Cancel Apply Help

Ready CAPS 11/6/2000 11:48 AM

FIGURE 10B

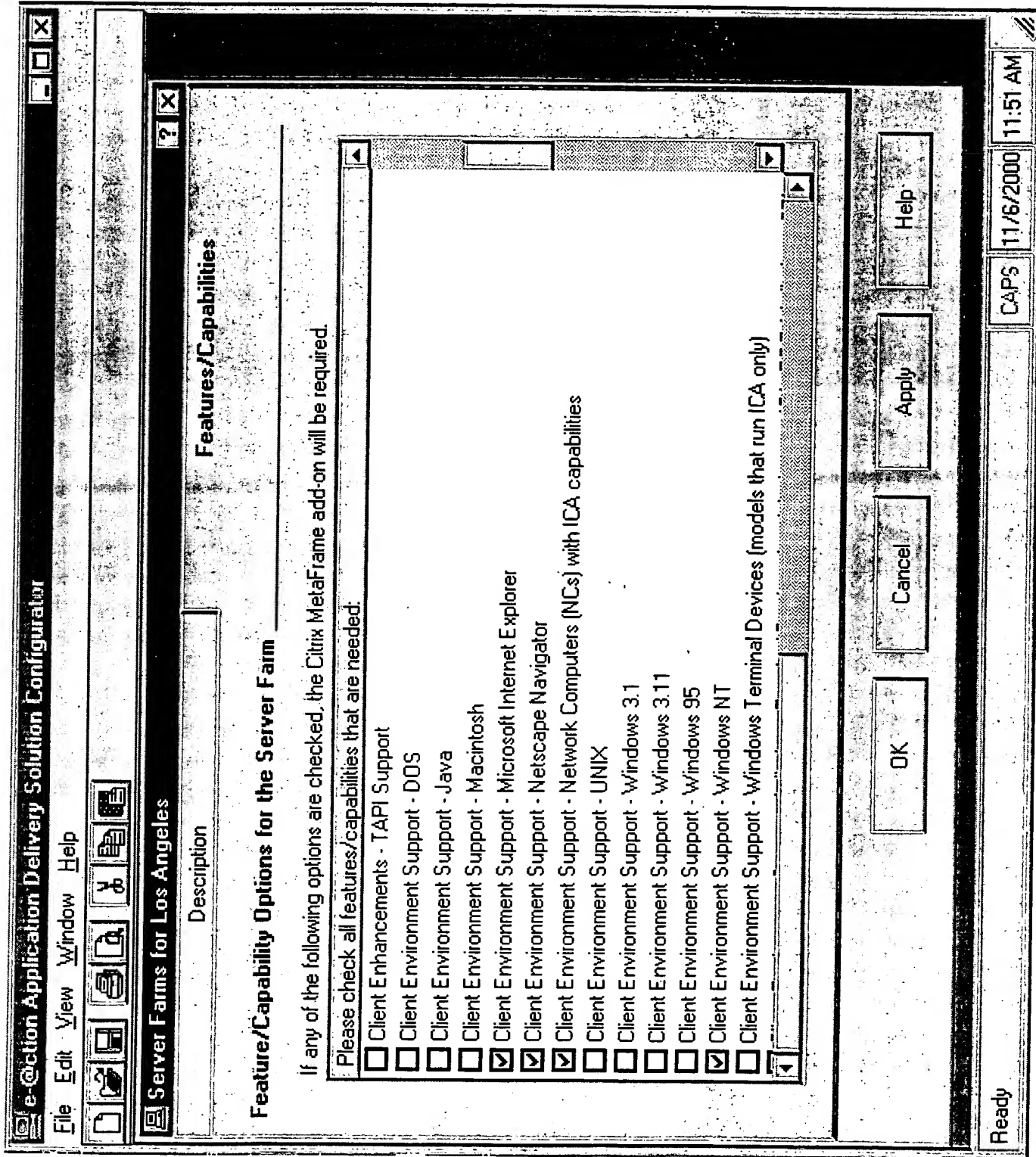


FIGURE 11

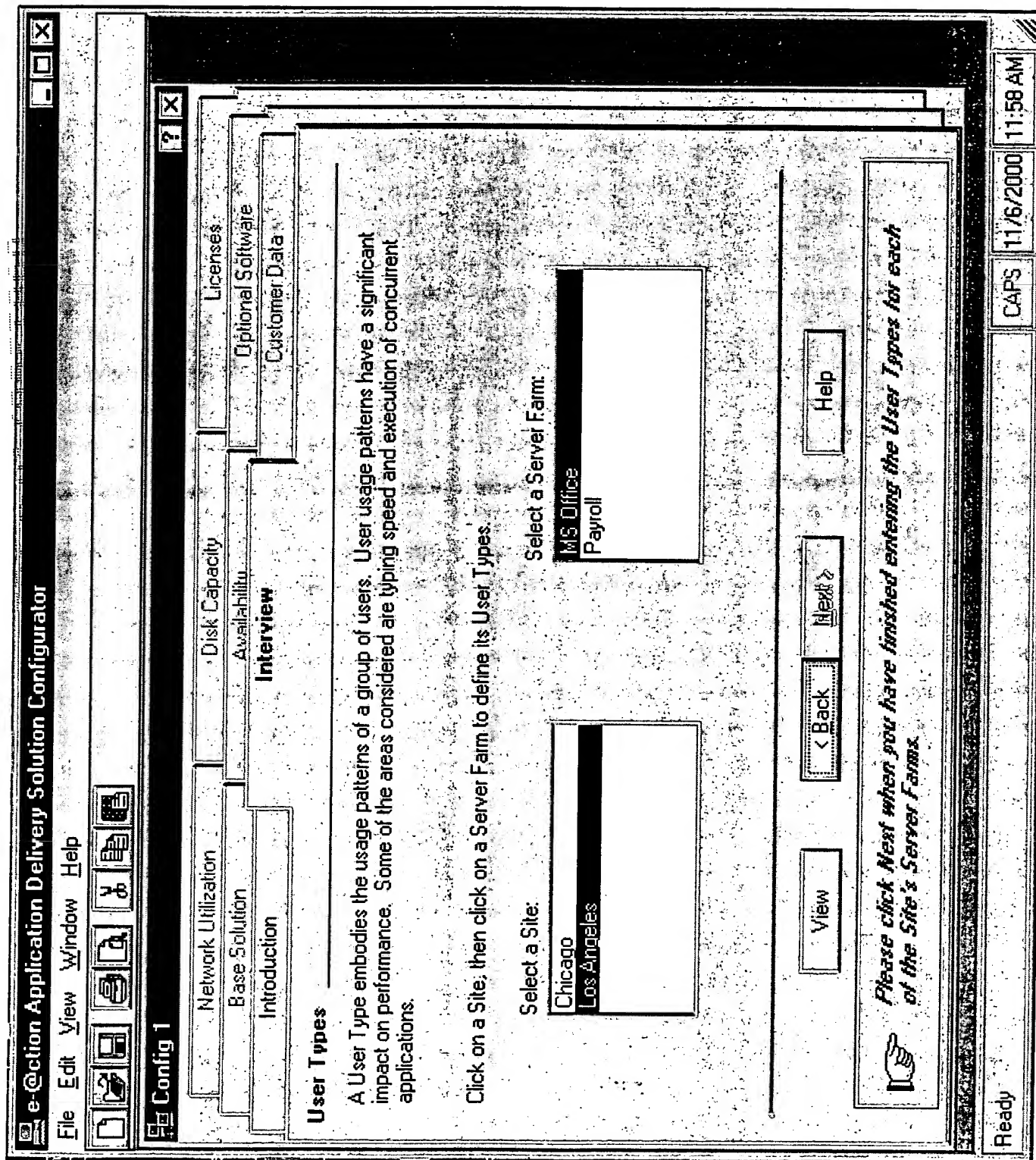


FIGURE 12

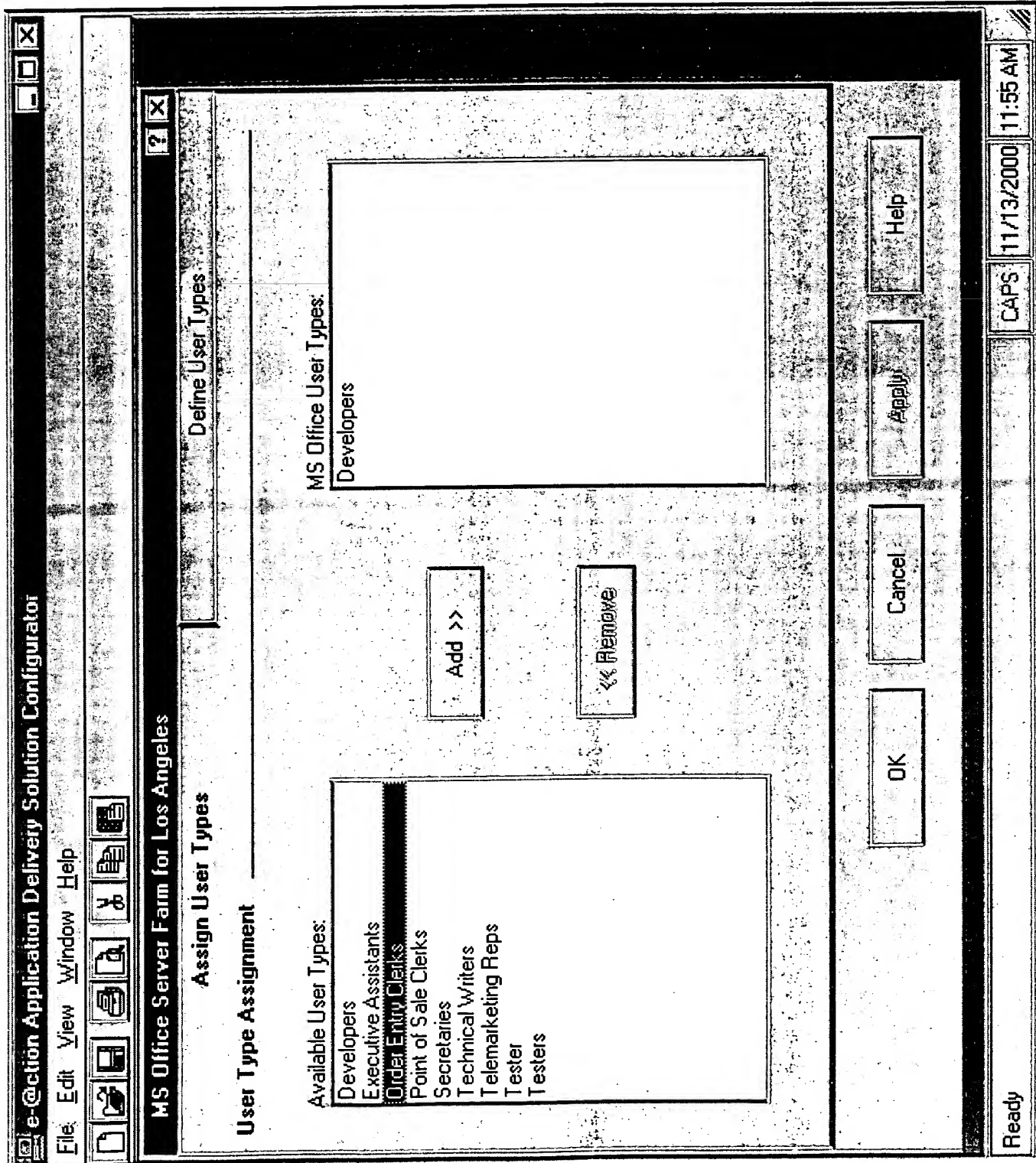


FIGURE 13

MS Office Server Form for Los Angeles

Assign User Types | Define User Types

User Type Definition

Enter or Select User Type Name:

Please select one option from each of the following categories that best describes your User Type:

<p>Typing Speed</p> <ul style="list-style-type: none"><input type="radio"/> Not Significant<input checked="" type="radio"/> Average Speed 35 - 40 wpm<input type="radio"/> Average Speed 45 - 50 wpm<input type="radio"/> Greater Than 50 wpm	<p>Logon</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Logons mostly done at one time<input type="radio"/> Logons evenly distributed throughout the day
<p>Running Applications</p> <ul style="list-style-type: none"><input type="radio"/> Generally runs only one line-of-business (LOB) application<input checked="" type="radio"/> In and out of applications quickly<input type="radio"/> More extensive activity - generally keeps applications opened after use	<p>Printing</p> <ul style="list-style-type: none"><input type="radio"/> None<input type="radio"/> Light<input checked="" type="radio"/> Moderate<input type="radio"/> Heavy

OK Cancel Apply Help

FIG. 14

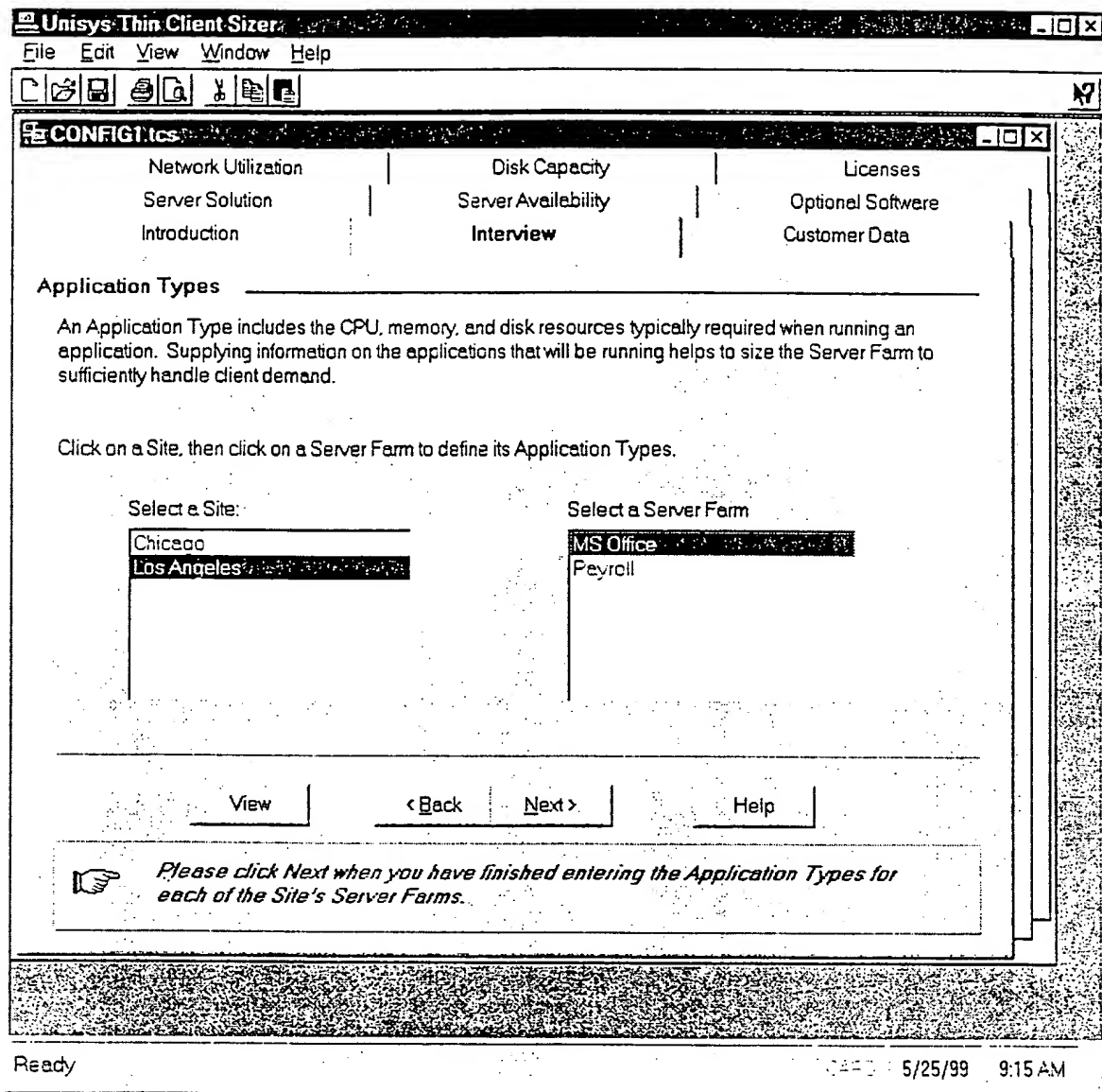


FIG. 15

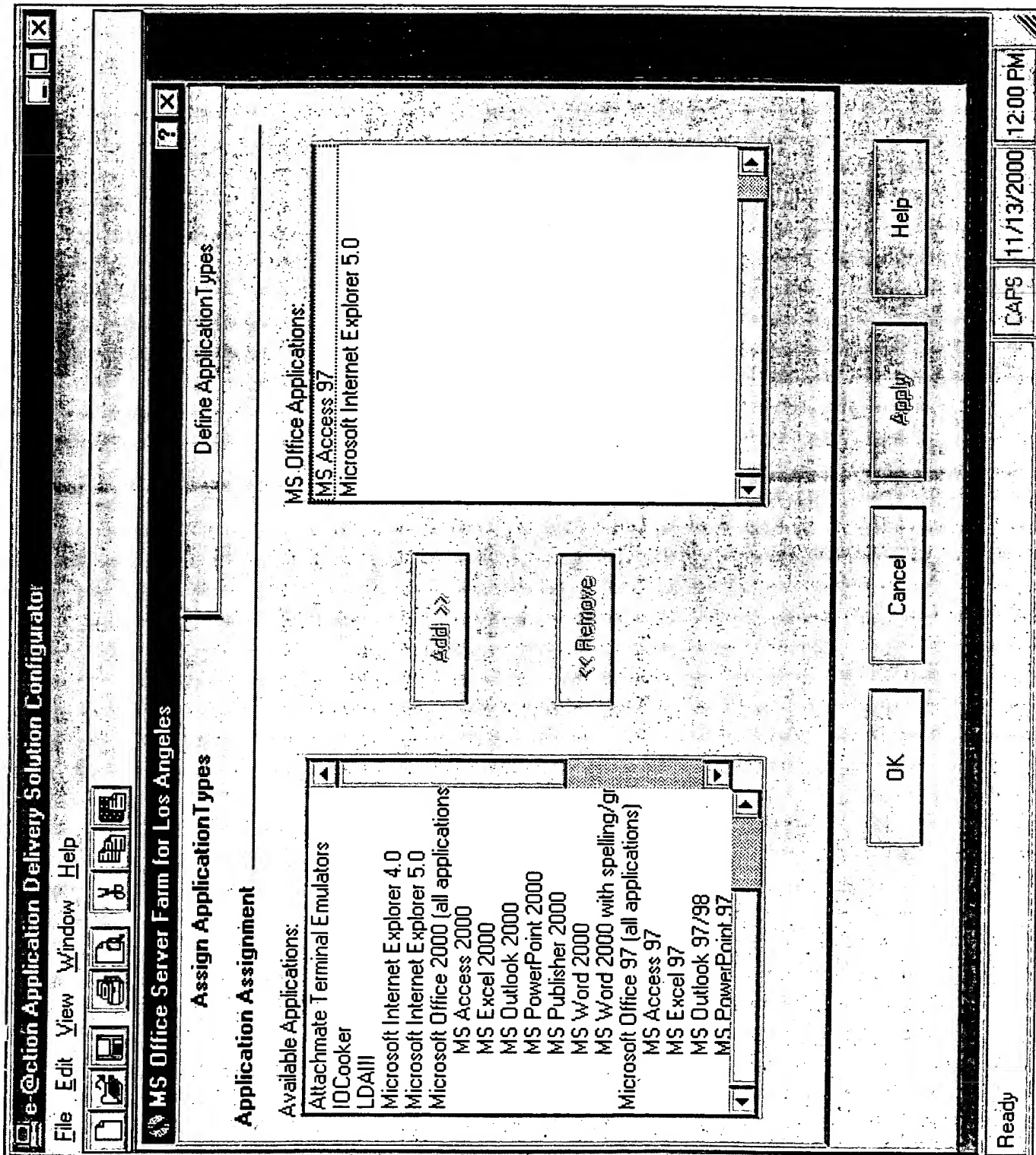


FIGURE 16

e-@ction Application Delivery Solution Configurator
File Edit View Window Help

MS Office Server Farm for Los Angeles

Assign Application Types

Define Application Types

Application Definition

Enter or Select Application Name: **MS Access 97**

Disk Space Required for Installation: **40** MB

Memory Required by Application: **8** MB

Please select one of the following Environment options:

☒ 32-bit Application ☐ 16-bit Application ☐ MS-DOS Application **Details >>**

Please select an option from each of the following categories that best reflects the Application's usage:

Application Input
☒ GUI-based ☐ Mostly text-based

Application Processing
☐ Light background processing ☒ Heavy background processing

Application Output
☒ Mostly text-based ☐ Graphic-based ☐ Animated graphic-based

OK **Cancel** **Apply** **Help**

Ready CAPS 11/13/2000 12:01 PM

FIGURE 17

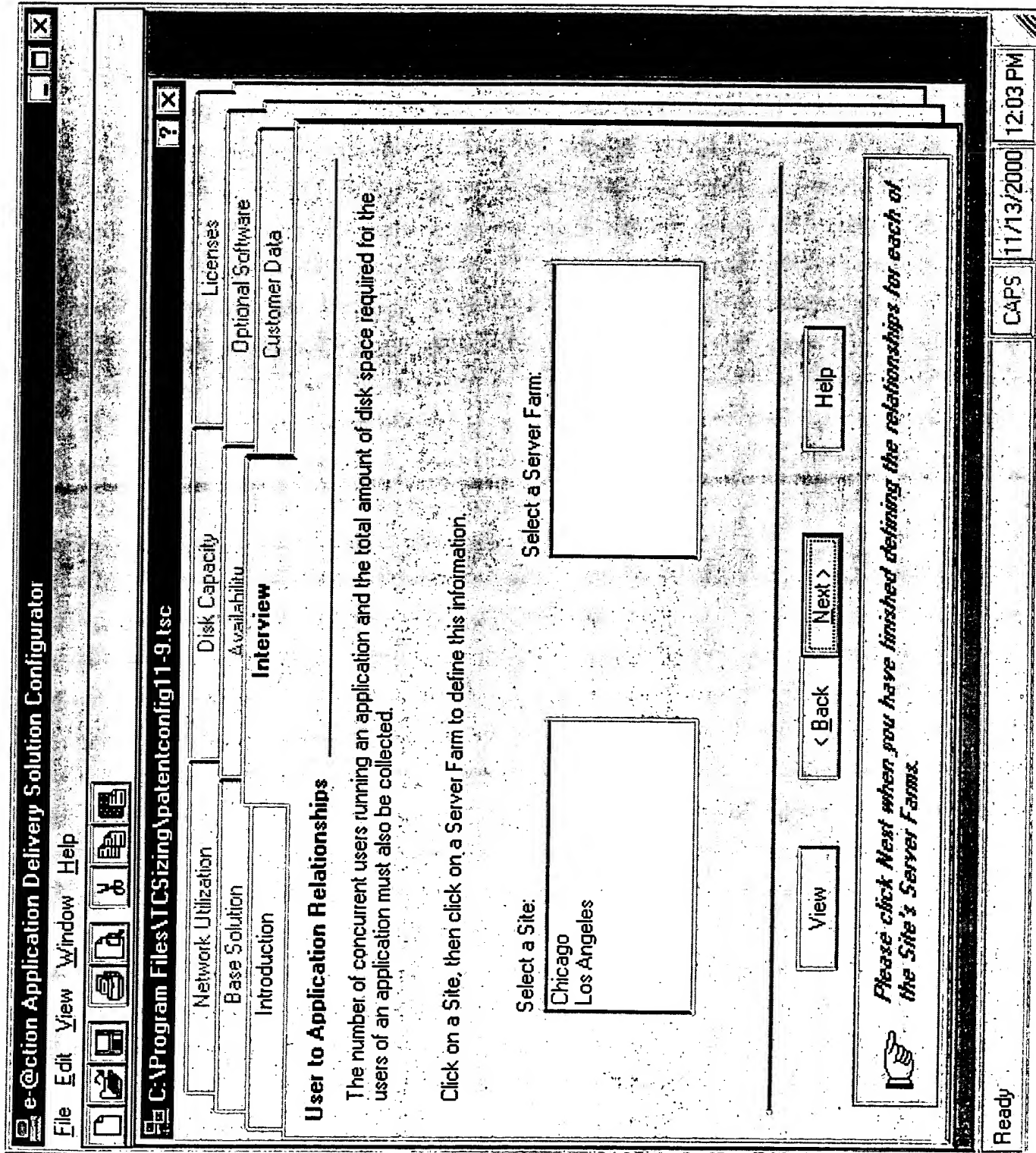


Figure 18

File Edit View Window Help

MS Office Server Farm for Los Angeles

Concurrent Users

Disk Space

Concurrent User Assignment

Please distribute the 750 concurrent users assigned to the MS Office Server Farm among the following applications as a representation of the active processing occurring during any given time period:

	Developers	Support Personnel
MS Access 97	75	300
Microsoft Internet Explorer 5.0	75	300

OK

Cancel

Apply

Help

Ready

CAPS

11/13/2000

12:06 PM

FIGURE 19

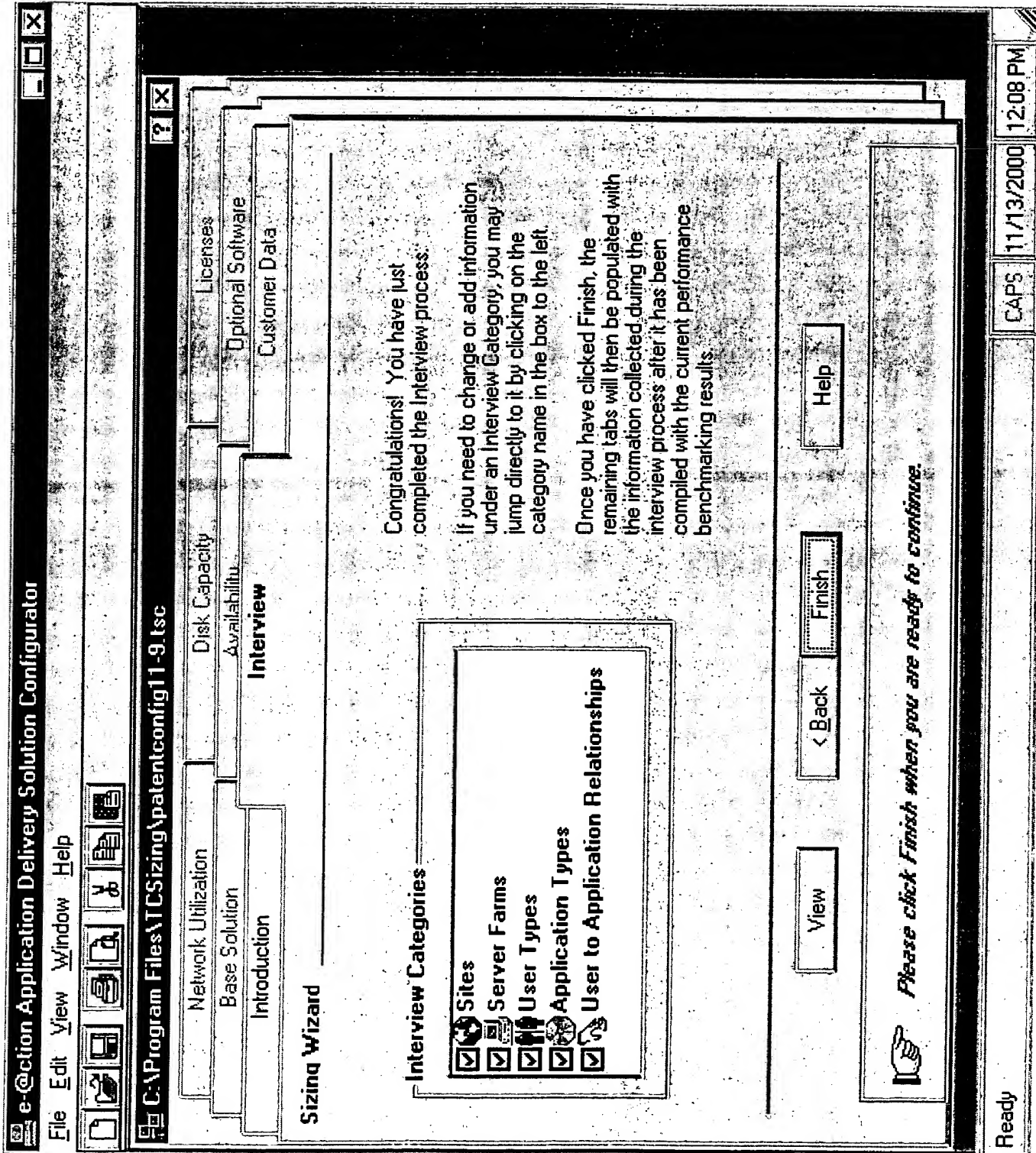


FIGURE 21

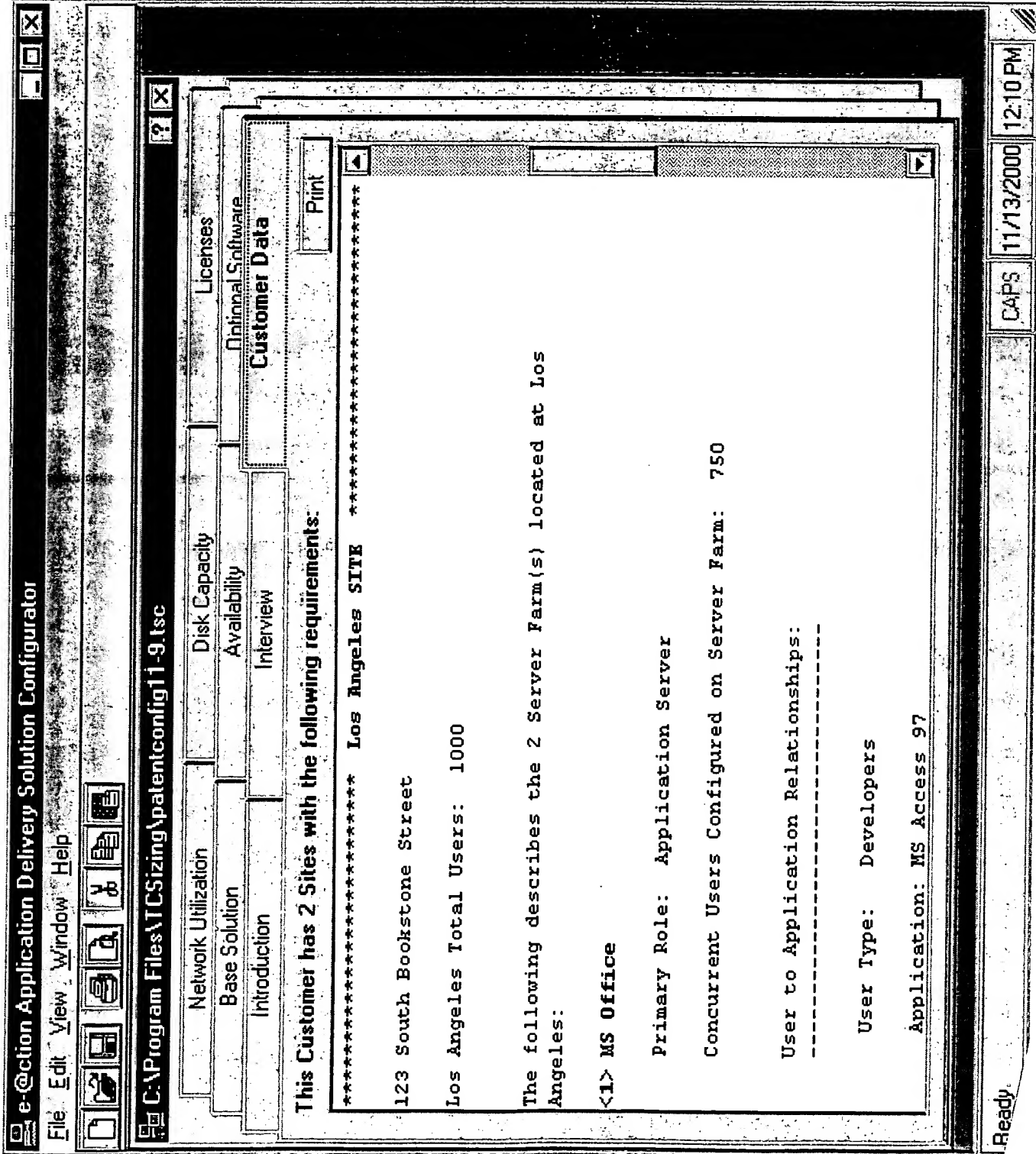


FIGURE 22

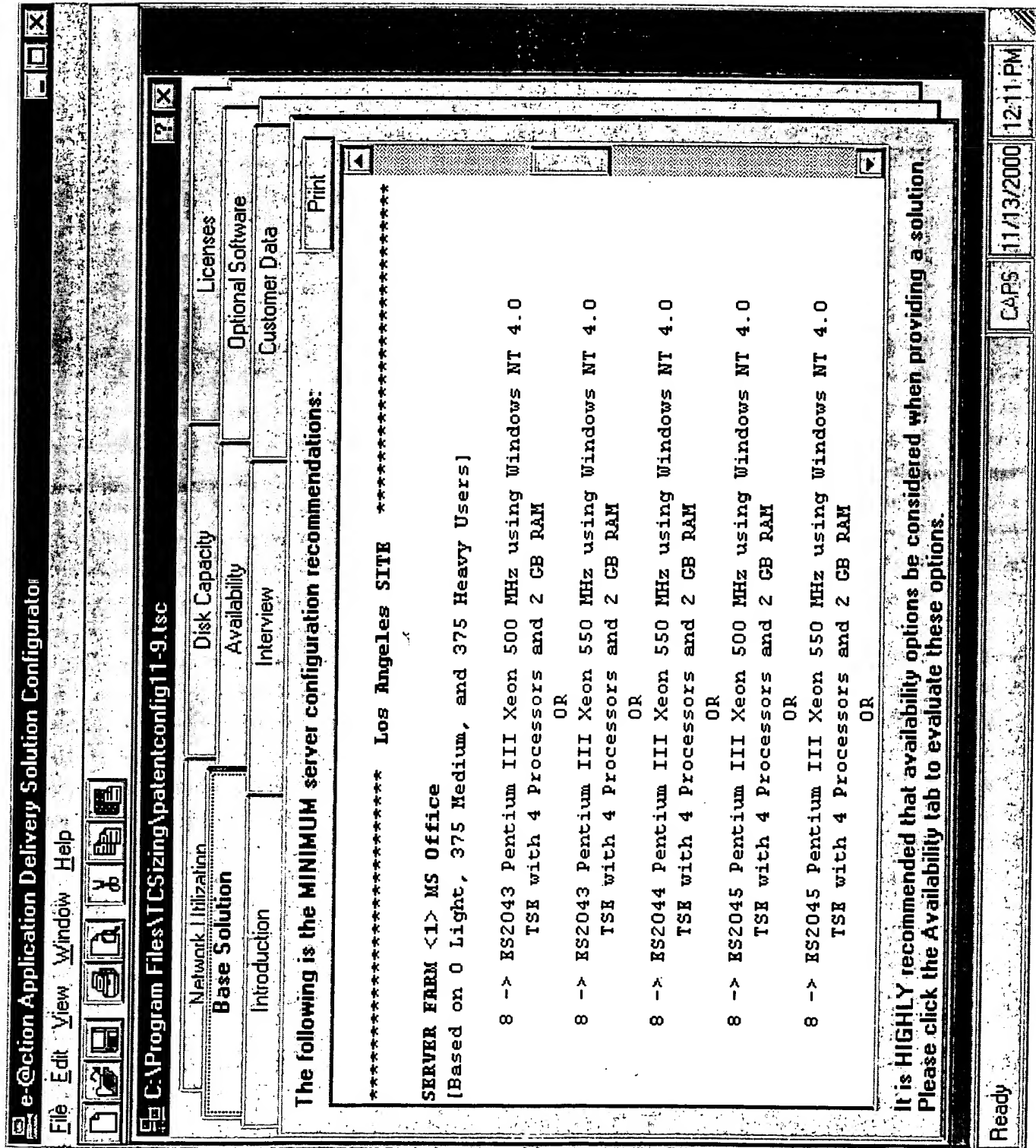


FIGURE 23

e-@ction Application Delivery Solution Configurator
 File Edit View Window Help

Availability Calculator

Site:
 Server Farm:

Server:

Scenario:	1	2	3	4
Adjusted Concurrent Number of Users	626	626	626	626
System Repair Time (hours)	6	6	6	6
Redundancy Factor (%)	25	20	15	10
Estimated Number of Servers	10	9	9	8
Estimated Peak Number of Users	880	792	792	704
Estimated Number of Redundant Servers	2	1	1	0
Estimated Server Farm MTTF (hours)	73,069	3,616	3,616	150
Estimated Availability (%)	99.9918	99.8341	99.8341	96
Estimated Downtime (hours/year)	0.72	14.53	14.53	350.4

Ready

FIGURE 24

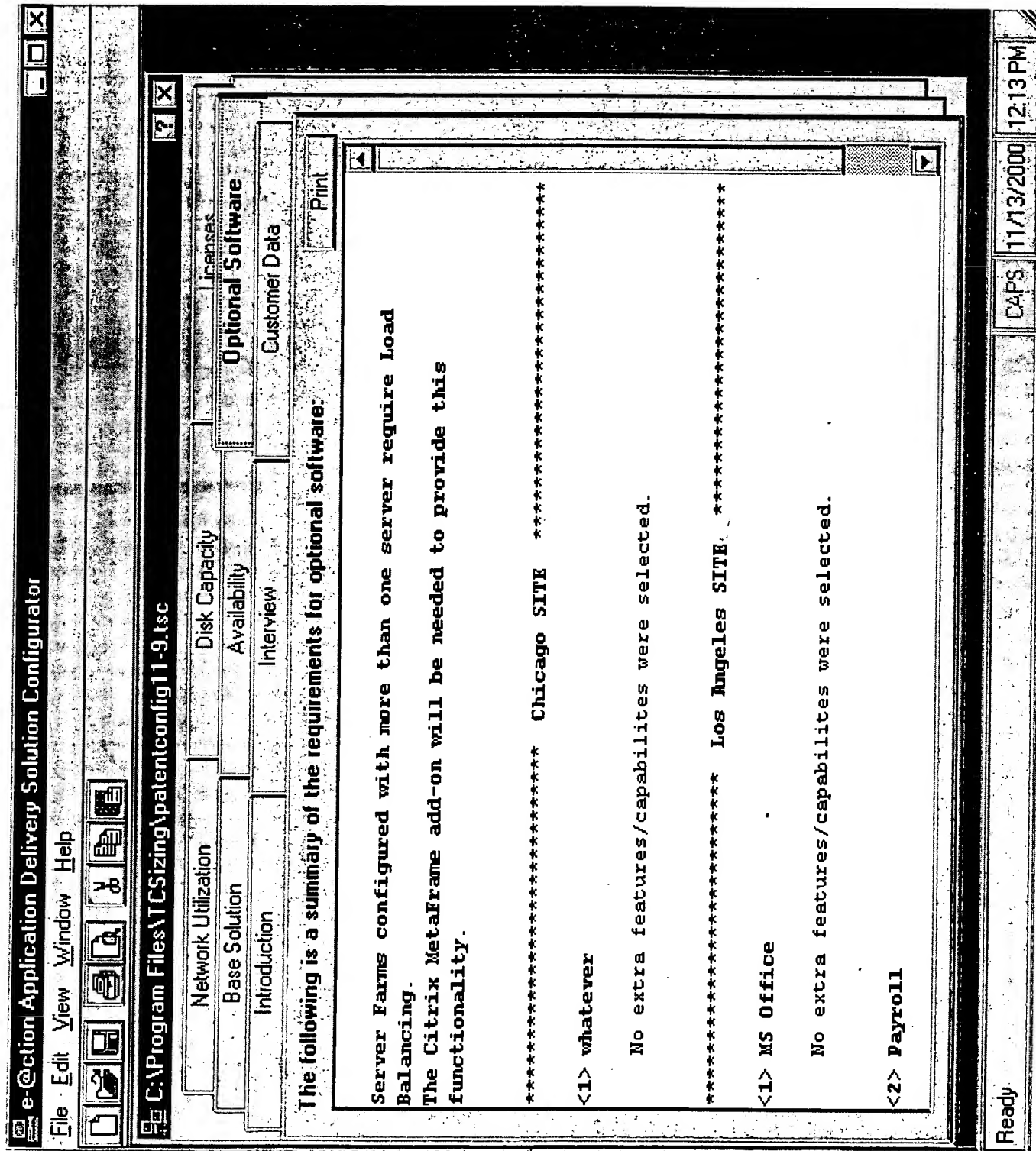


FIGURE 25

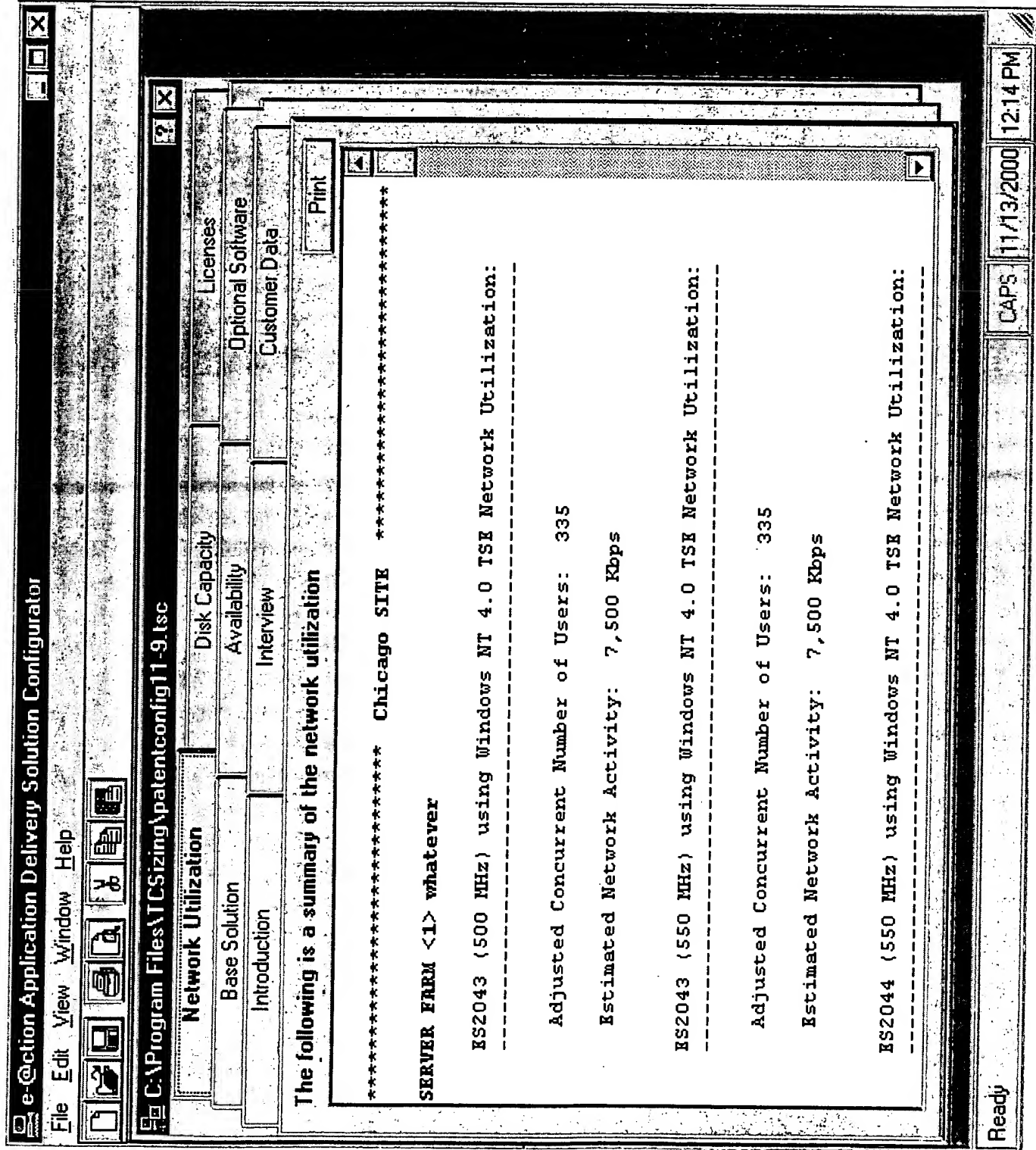


FIGURE 26

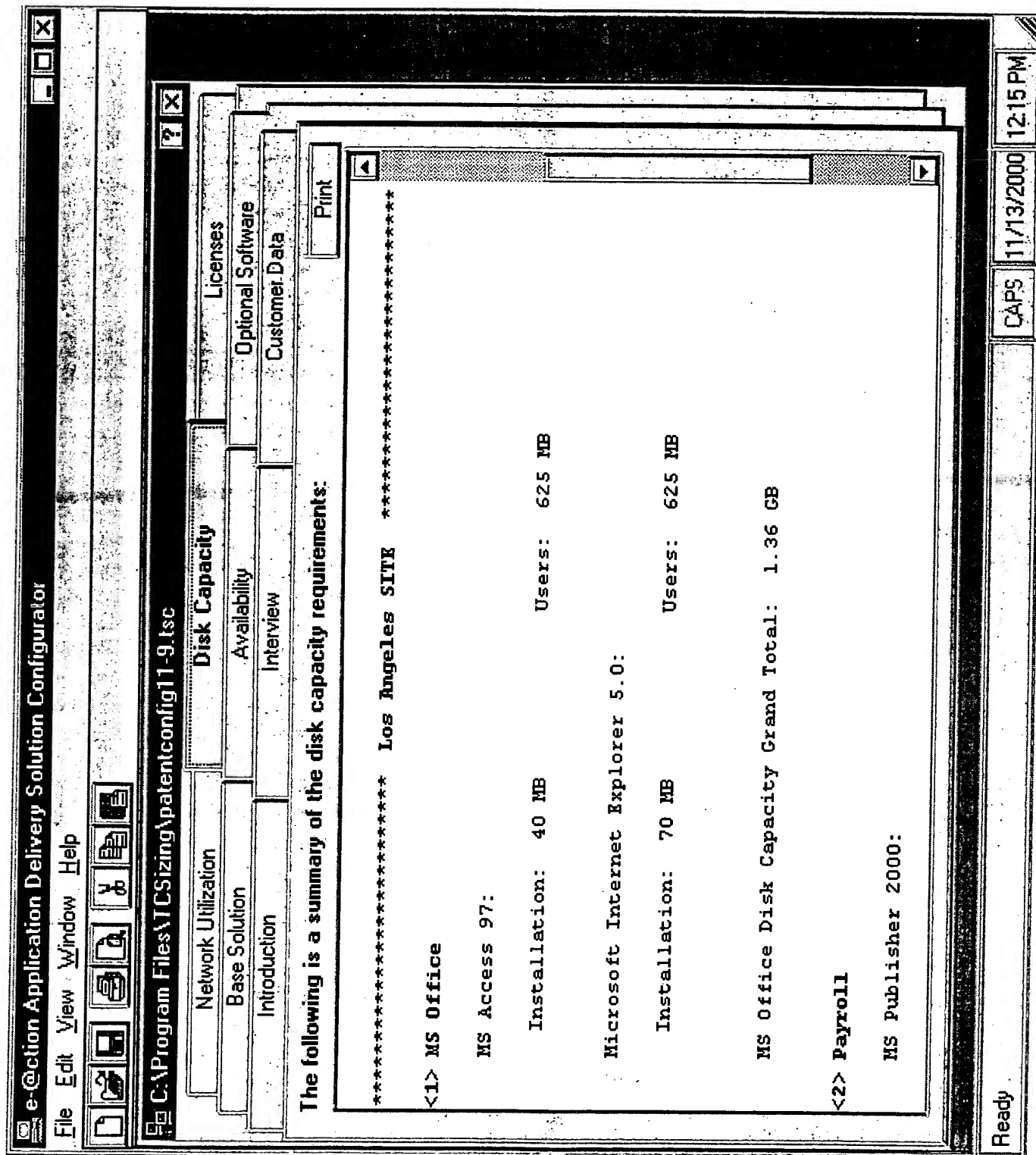


Figure 27

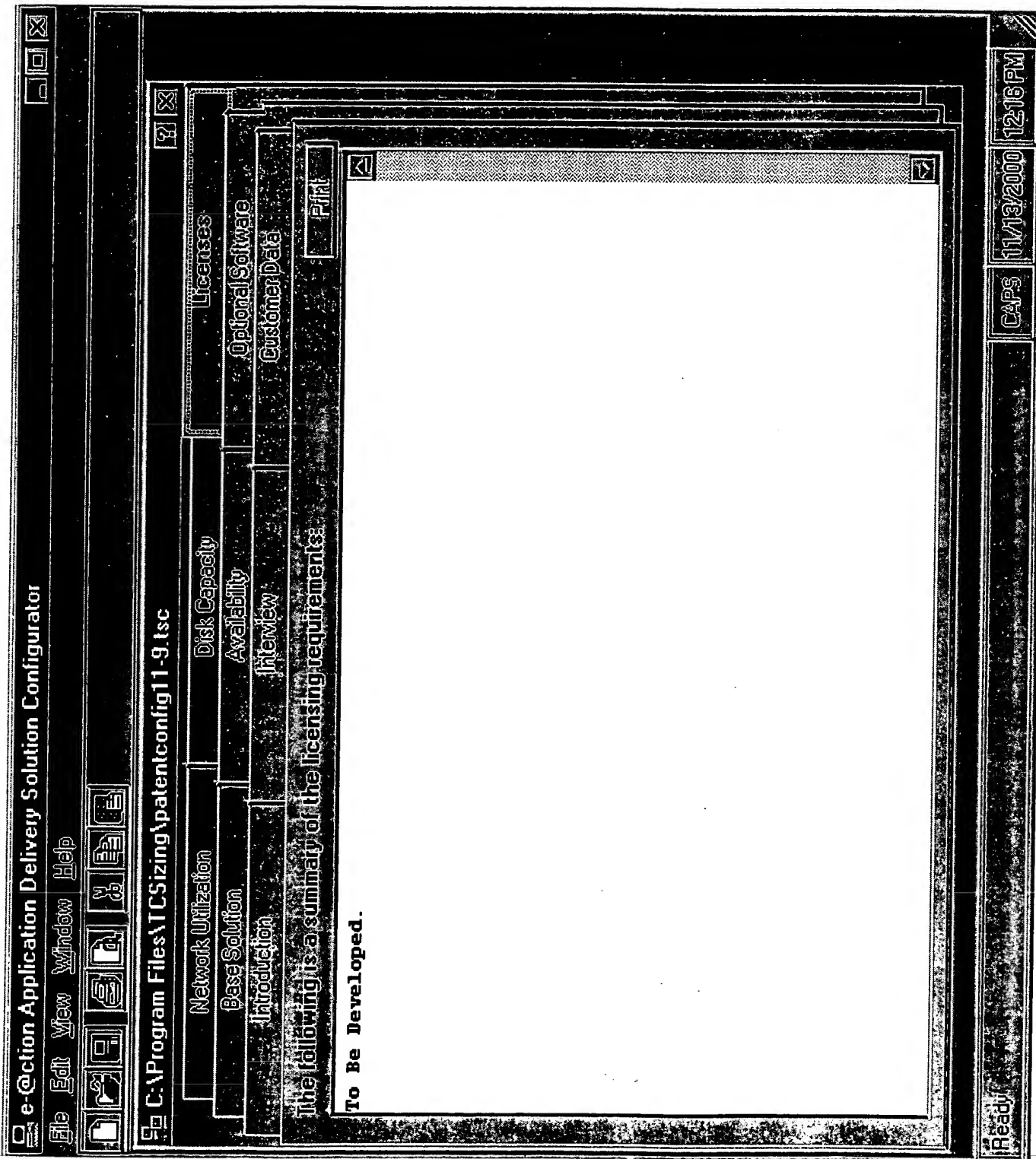


FIGURE 28